

Message

From: Alfano, Judith (DEQ) [ALFANOJ@michigan.gov]
Sent: 2/12/2018 2:47:12 PM
To: Berkoff, Michael [berkoff.michael@epa.gov]; Bradley, John (DEQ) [BRADLEYJ1@michigan.gov]
CC: Franks, Robert (DEQ) [FRANKSR1@michigan.gov]; Kline, David (DEQ) [KLINED@michigan.gov]
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Hi Michael, we are planning on using the Method 537 with isotope dilution. Let me know if you have further questions.

From: Berkoff, Michael [mailto:berkoff.michael@epa.gov]
Sent: Thursday, February 08, 2018 12:12 PM
To: Alfano, Judith (DEQ); Bradley, John (DEQ)
Cc: Franks, Robert (DEQ); Kline, David (DEQ)
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Judy,
 Please ensure that any samples collected from residences are analyzed using EPA's method 537 as written and not a modified version of that method.
 Thank you,
 Michael

From: Alfano, Judith (DEQ) [mailto:ALFANOJ@michigan.gov]
Sent: Thursday, February 08, 2018 10:58 AM
To: Berkoff, Michael <berkoff.michael@epa.gov>; Bradley, John (DEQ) <BRADLEYJ1@michigan.gov>
Cc: Franks, Robert (DEQ) <FRANKSR1@michigan.gov>; Kline, David (DEQ) <KLINED@michigan.gov>
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

This is for res well sampling east of the landfill. These wells have not been sampled yet and we need to get them samples as soon as possible. We are looking for a commitment in the next few days, if not, we will look into the state performing this work.

From: Berkoff, Michael [mailto:berkoff.michael@epa.gov]
Sent: Thursday, February 08, 2018 11:54 AM
To: Bradley, John (DEQ)
Cc: Franks, Robert (DEQ); Kline, David (DEQ); Alfano, Judith (DEQ)
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

What is the timing of this round of sampling? I would like to run this past EPA labs.

From: Bradley, John (DEQ) [mailto:BRADLEYJ1@michigan.gov]
Sent: Wednesday, February 07, 2018 12:30 PM
To: Berkoff, Michael <berkoff.michael@epa.gov>
Cc: Franks, Robert (DEQ) <FRANKSR1@michigan.gov>; Kline, David (DEQ) <KLINED@michigan.gov>; Alfano, Judith (DEQ) <ALFANOJ@michigan.gov>
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Michael

We are aware of the EPA's perspective in that we should not be referring to this method as "537M", but since this is the language we used with WMI last week, we chose to use it for this communication to be clear.

Thanks

John Bradley
Senior Geologist
Geology and Defense Site Management Unit
Remediation and Redevelopment Division / Superfund Section
Michigan Department of Environmental Quality
bradleyj1@michigan.gov (517) 284-5069

From: Alfano, Judith (DEQ)
Sent: Wednesday, February 07, 2018 1:25 PM
To: Mazor, Phil <pmazor@wm.com>
Cc: Franks, Robert (DEQ) <FRANKSR1@michigan.gov>; Bradley, John (DEQ) <BRADLEYJ1@michigan.gov>; Berkoff, Michael (berkoff.michael@epa.gov) <berkoff.michael@epa.gov>; Kline, David (DEQ) <KLINED@michigan.gov>; Forney, Jim <jforney@wm.com>; Jenn (jovervoorde@brwncald.com) <jovervoorde@brwncald.com>
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Hi Phil, MDEQ advises the use of what we referred to as the 537-M isotope dilution method. During our discussion, you stated that WMI intends to use Test America and their 537-M analytical procedure. Please proceed using this method. With this information, please let us know if you intend to sample residential wells beyond Sundance Road.

From: Mazor, Phil [<mailto:pmazor@wm.com>]
Sent: Thursday, February 01, 2018 8:25 AM
To: Alfano, Judith (DEQ)
Cc: Franks, Robert (DEQ); Bradley, John (DEQ); Berkoff, Michael (berkoff.michael@epa.gov); Kline, David (DEQ); Forney, Jim; Jenn (jovervoorde@brwncald.com)
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Judy;

Based on discussions between the USEPA, the MDEQ, and Waste Management of Michigan, Inc. (WMMI) while at the State Disposal Landfill on January 30, 2018, WMMI sampling and analysis of the up and side gradient homes requested by the MDEQ will be put on hold. Based on those discussions, it was unclear to WMMI which analytical method MDEQ or USEPA should be used when analyzing for PFAS constituents and which analytical method will be accepted by the agencies. Mike Berkoff of the USEPA identified that he will be getting back with everyone in the next week or so regarding the acceptable method for analyzing PFAS constituents. Mike Berkoff also indicated that he would be submitting information to everyone regarding the analytical method (ASTM) that may be used for analyzing water samples that are collected.

Once we receive confirmation from the USEPA and MDEQ regarding the appropriate and accepted method of analysis for PFAS constituents, we will contact you regarding scheduling the sampling of any up and side gradient private well locations.

Phil Mazor
District Manager
State Disposal Landfill

From: Alfano, Judith (DEQ) [<mailto:ALFANOJ@michigan.gov>]
Sent: Tuesday, January 30, 2018 2:48 PM
To: Mazor, Phil <pmazor@wm.com>; Forney, Jim <jforney@wm.com>

Cc: Franks, Robert (DEQ) <FRANKSR1@michigan.gov>; Bradley, John (DEQ) <BRADLEYJ1@michigan.gov>; Berkoff, Michael (berkoff.michael@epa.gov) <berkoff.michael@epa.gov>; Kline, David (DEQ) <KLINED@michigan.gov>
Subject: [EXTERNAL] RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Hi Phil and Jim, in the interest in public health and safety, we think all of the wells that have not been sampled on Sundance, Dunlop Lake and east to 3625 4 Mile should be sampled at the same time without the phased approach. If you need additional information, please let me know.

From: Mazor, Phil [mailto:pmazor@wm.com]
Sent: Thursday, January 25, 2018 1:49 PM
To: Alfano, Judith (DEQ); Forney, Jim
Cc: Franks, Robert (DEQ); Hendershott, Abigail (DEQ); Vorce, Karen (DEQ); Bradley, John (DEQ)
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Hello Judy;

We have reviewed the information provided by you. Thank You again for the information. We are thinking that we would sample the first ring of addresses that are the closest to the landfill and see what kind of results we are getting. We can discuss this further with you on Tuesday at the site. I will have a list of addresses and the map with me so we can look at that while we talk.

That first ring will tie into the 3-4 residences that have already been sampled at the north end of Sundance Drive.

Phil

From: Alfano, Judith (DEQ) [mailto:ALFANOJ@michigan.gov]
Sent: Wednesday, January 24, 2018 11:30 AM
To: Mazor, Phil <pmazor@wm.com>; Forney, Jim <jforney@wm.com>
Cc: Franks, Robert (DEQ) <FRANKSR1@michigan.gov>; Hendershott, Abigail (DEQ) <HENDERSHOTTA@michigan.gov>; Vorce, Karen (DEQ) <VorceK@michigan.gov>; Bradley, John (DEQ) <BRADLEYJ1@michigan.gov>
Subject: [EXTERNAL] RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Hi Phil, can you provide an update?

From: Mazor, Phil [mailto:pmazor@wm.com]
Sent: Thursday, January 18, 2018 9:00 AM
To: Alfano, Judith (DEQ); Forney, Jim
Cc: Franks, Robert (DEQ); Hendershott, Abigail (DEQ); Vorce, Karen (DEQ); Bradley, John (DEQ)
Subject: RE: Updated Well Log List for Dunlop Lake/Sundance Lane

Judy

Thank you for the two sets of information you have sent regarding the private wells along 4 Mile Road east of the East Beltline. We are currently going through this information and will get back with you early next week regarding the private wells along 4 Mile Road.

Phil

From: Alfano, Judith (DEQ) [mailto:ALFANOJ@michigan.gov]
Sent: Tuesday, January 16, 2018 4:00 PM
To: Mazor, Phil <pmazor@wm.com>; Forney, Jim <jforney@wm.com>

Cc: Franks, Robert (DEQ) <FRANKSR1@michigan.gov>; Hendershott, Abigail (DEQ) <HENDERSHOTTA@michigan.gov>; Vorce, Karen (DEQ) <VorceK@michigan.gov>; Bradley, John (DEQ) <BRADLEYJ1@michigan.gov>
Subject: [EXTERNAL] FW: Updated Well Log List for Dunlop Lake/Sundance Lane

Attached is the well log information compiled by the Health Department for the Dunlop Lake/Sundance Lane area. We are awaiting a response from WMI tomorrow regarding their intentions to sample these wells.

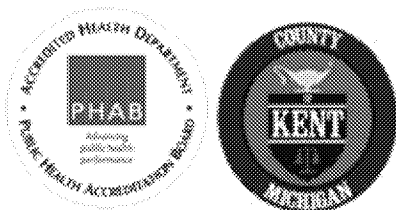
From: Pratt, Stephen [<mailto:stephen.pratt@kentcountymi.gov>]
Sent: Tuesday, January 16, 2018 3:51 PM
To: Alfano, Judith (DEQ)
Cc: Reading, Mary
Subject: Updated Well Log List for Dunlop Lake/Sundance Lane

Judy,

Attached is an updated list that Mary Reading gave you a heads up about last week. Please let me know if you have any questions about it.

Thank you,

Stephen M. Pratt
 Sanitarian
 Kent County Health Department
 700 Fuller Ave NE
 Grand Rapids, MI 49503
 Cell: 616-690-5087
www.accesskent.com/health



"To serve, protect, and promote a healthy community for all."

This message has been prepared on resources owned by Kent County, MI. It is subject to the Acceptable Use Policy of Kent County.

Help Us Better Serve Our Community!
Please take 5 minutes to complete this survey:
http://s.zoomerang.com/s/EH_customer_service_survey

From: Reading, Mary
Sent: Friday, January 12, 2018 12:06 PM
To: 'Alfano, Judith (DEQ)' <ALFANOJ@michigan.gov>
Cc: Pratt, Stephen <stephen.pratt@kentcountymi.gov>
Subject: FW: Scan

Judy
 The record searches are partially completed, but we wanted to get what we have so far. Stephen Pratt has completed searches for the addresses listed on the first page of the attached scanned document. It is a longer process as addresses

have changed over time for some of these properties. The map shows current address with former addresses in red. Stephen will work on completing searches for the remaining wells when he returns from field work this afternoon and forward the information directly to you.

Thank you

Mary

From: Alvarado, Mercedes

Sent: Friday, January 12, 2018 12:03 PM

To: Reading, Mary <mary.reading@kentcountymi.gov>

Subject: Scan

See attachment.

*Mercedes (Mercy) Alvarado,
Clerk, II*

Kent County Health Department

700 Fuller Ave NE

P: (616) 632-6890

F: (616) 632-6892

mercedes.alvarado@kentcountymi.gov

www.accesskent.com/health



"To serve, protect, and promote a healthy community for all."